No.

9700265

TO ALL TO WHOM THESE PRESENTS SHALL COME;

Aobartīs Seeds, Inc.

Decemb, there has been presented to the

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED, PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANTVARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT WARRETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS ROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR ONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR USING IT IN PRODUCING A YBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT ${f V}$ ARIETY ${f P}$ ROTECTION (84 STAT, 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

SOYBEAN

'S13-J6'

In Testimonn Mucrest, I have hereunto set my hand and caused the seal of the Hunt Anciety Brotection Office to be affixed at the City of Washington, D.C. this thirtieth day of September in the year of our Lord

REPRODUCE LOCALLY. Include form number date on	all reproductions.	/ \	FORM APPROVED - OMB NO. 0581-005		
U.S. DEPARTMENT OF A JULTURE AGRICULTURAL MARKETING SERVICE SCIENCE DIVISION - PLANT VARIETY PROTECTION OF	The following statements are made in accordance with the Privacy Act (1974 (5 U.S.C. 552a).				
APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE (Instructions and information collection burden statement on reverse)		Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).			
1. NAME OF APPLICANTISI (as it is to appear on the Certificate)		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME		
Novartis Seeds, Inc.		X9613	S13-J6		
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Co	untry)	5. TELEPHONE (include area code)	FOR OFFICIAL USE ONLY		
P.O. Box 959		612-593-7333	^{рурония} 9700265		
Minneapolis, MN 55440		6. FAX (include area code)	FIDATE		
		612-593-7801	1 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 /		
7. GENUS AND SPECIES NAME	8. FAMILY NAME (Bote)	nical)	FILING AND EXAMINATION FEE:		
Glycine max	Legumino	sae	E S A A A A A A A A A A A A A A A A A A		
9. CROP XIND NAME (Common name)			8 4/ 4/ 4/ 1		
Soybean 10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZ			C CERTIFICATION FEE		
Corporation	ZATION (corporation, partners	hip, association, etc.) (Common name)	1 300		
11. IF INCORPORATED, GIVE STATE OF INCORPORATION	P	12. DATE OF INCORPORATION	E DATE		
Delaware		1976			
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SE	ERVE IN THIS APPLICATION	AND RECEIVE ALL PAPERS	14. TELEPHONE Include area code)		
John C. Thorne Novartis Seeds, Inc. P.O. Box 949 Washington, Iowa 52353			319-653-2181 16. FAX (include area code) 319-653-4609		
16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow	v instructions on reverse)	· · · · · · · · · · · · · · · · · · ·	313-030-4003		
a. X Exhibit A. Origin and Breeding History of the Variety b. X Exhibit B. Statement of Distinctness	madecania on reverse,				
c. XI Exhibit C. Objective Description of the Variety					
d Exhibit O Additional Description of the Variety					
e. XI Exhibit E. Statement of the Basis of the Applicant's Ownership					
 X Voucher Sample (2,500 viable untreated seeds or, for tuber propage X Filing and Examination Fee (92,450), made payable to "Treasurer of 		•	пед ін 4 ривік гарозпогу)		
17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD B YES (II "yes," answer items 18 and 19 below)		A CLASS OF CERTIFIED SEED? (See Secti	ion 83(a) of the Plant Variety Protection Act)?		
18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITE GENERATIONS?	D AS TO NUMBER OF 18	. IF TYES TO ITEM 18, WHICH CLASSES	OF PRODUCTION BEYOND BREEDER SEED?		
☐ YES ☐ NO		FOUNDATION REGISTER	ED CERTIFIED		
20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN R YES Iff "yes," give names of countries and dates)	ELEASED, USED, OFFERED F M NO	OR SALE, OR MARKETED IN THE U.S. OR	OTHER COUNTRIES?		
21. The applicant(a) declare that a viable sample of basic seed of the variety will applicable, or for a tuber propagated variety a tissue culture will be deposite			ordance with such regulations as may be		
The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced Section 41, and is entitled to protection under the provisions of Section 42 of			distinct, uniform, and stable as required in		
Applicant(s) is(are) informed that false representation herein can jeopardize p					
SIGNATURE OF APPLICANT 10 PRODUCTION	JIANDE	URE OF APPLICANT (Owner(si)			
NAME (Please print or type)	NAME (F	Yease print or type)			
John C. Thorne					
Director, Soybean Breeding And	1 14,1997	TY OR TITLE	DATE		
SD-470 (04-95) (Previous editions are to be destroyed)	11 1- 1111/	(See reverse for instructions and	information collection burden statement)		
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~			in granteer to the contract of		

EXHIBIT A

Origin and Breeding History of the Variety

The soybean variety 'S13-J6' is derived from a single F4 plant from the cross 'S 12-22' x 'Century 84'. The cross was made in the winter of 1988 at the Novartis (formerly Northrup King) Research Center at Waimea, Kauai, Hawaii. The F1 generation was grown at the Novartis Research Center at Washington, Iowa, in the summer of 1988; the F2 and F3 at Waimea, in the winter of 1988-89; and the F4 at Washington the summer of 1989. The F1 was bulk harvested. The F2 and F3 were advanced by harvesting 2-4 seeds per plant and planting 600 seed from the resulting bulk. Individual plants of the F4 population were tested for resistance to Phytophthora megasperma, Race 4, by inoculating detached cotyledons with the fungus. Each resistant plant was harvested and threshed individually. The seed from each of these resistant plants were planted in a plant progeny row at Washington in 1990. One of these, numbered W014923, was selected based on early maturity and agronomic characteristics for further testing. This line was subsequently tested under the temporary designation X9613 and named S13-J6. It has been tested at several northern cornbelt locations in the U.S. and in Ontario from 1991 through 1996 and found to yield well compared to other early Group 1 varieties. Descriptive characteristics including purple flowers, tawny pubescence, brown pods, and black hilum (may contain up to 2% other hilum) have been identified and confirmed. S13-J6 has been tested in the field for iron deficiency chlorosis and found to be moderately tolerant. It has been tested for reaction to Races 1, 3, 4, and 7 of Phytophthora sojae using hypocotyl inoculation of greenhouse grown plants and found to carry the Rps1-k gene for resistance.

In the winter of 1993-94, 200 seeds of S13-J6 were planted at Waimea. The increase was rogued for flower and pubescence color and 100 single plants were harvested and threshed individually. The progeny from these plants were planted at Washington in the summer of 1994. This increase was carefully rogued at flowering and maturity. Uniform rows which conformed to the variety description were bulked to produce Pedigree Seed. This seed was planted near Washington, IA in 1995 to produce Breeder Seed. The increase block was rogued carefully during flowering and at maturity and found to be uniform.

Foundation Seed of S13-J6 was produced in 1996 from the 1995 Breeder Seed. The Iowa Crop Improvement Association inspected the fields and found them to meet the standards for Foundation Seed. The variety was approved for Certification by the Soybean Variety Review Board in December of 1996.

S13-J6 is stable and uniform within a purity level of 99% (98% for hilum color). Over four years of testing and three cycles of seed increase, we have observed no variants. Any off-type plants removed from increase fields were assumed to have arisen from admixture or outcrossing. Varietal purity will be maintained using progeny rows as described previously as needed for the life of the variety.

EXHIBIT B

Novelty Statement for the Variety

S13-J6 is most similar to S 12-22. It can be differentiated from S 12-22 on the basis of resistance to Races 1, 3, 4, and 7 of Phytophthora sojae. S13-J6 is resistant to these races; S 12-22 is susceptible. S13-J6 can be further differentiated from S 12-22 on the basis of flower color and hilum color. S13-J6 has purple flowers and seeds with black hila; S 12-22 has white flowers and seeds with gray hila.

EXHIBIT C (Soybean)

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, MEAT, GRAIN & SEED DIVISION
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MARYLAND 20705

OBJECTIVE DESCRIPTION OF VARIETY SOYBEAN (Glycine max L.)

30.022		
NAME OF APPLICANT(S)	TEMPORARY DESIGNATION VARIET	YNAME
Novartis Seeds, Inc.	S	13-J6
ADDRESS (Street and No., or R.F.D. No., City, State, and Zip Code		FOR OFFICIAL USE ONLY
P.O. Box 959 Minneapolis, MN 55440	PVPO N	9700265
Choose the appropriate response which characterizes the var in your answer is fewer than the number of boxes provided,	ety in the features described below. Volace a zero in the first box when num	When the number of significant digits aber is 9 or less (e.g., 0 9).
1. SEED SHAPE: 2	2 = Spherical Flattened (L/W ratio	
2. SEED COAT COLOR: (Mature Seed)		
1 = Yellow 2 = Green 3 = Brown	4 = Black 5 = Other (Specify)	
3. SEED COAT LUSTER: (Mature Hand Shelled Seed)		
1 = Duil ('Corsoy 79'; 'Braxton') 2 = Shiny ('Nebso	y'; 'Gasoy 17')	
4. SEED SIZE: (Mature Seed)	·	
1 7 Grams per 100 seeds		
5. HILUM COLOR: (Mature Seed)	:	
6 1 = Buff 2 = Yellow 3 = Brown May contain up to 2% other hi	= Gray 5 = Imperfect Black	6 = Black 7 = Other (Specify)
6. COTYLEDON COLOR: (Mature Seed)		
1 = Yellow 2 = Green		
7. SEED PROTEIN PEROXIDASE ACTIVITY:		
1 = Low 2 = High		
8. SEED PROTEIN ELECTROPHORETIC BAND:		
1 = Type A (SP1 ^a) 2 = Type B (SP1 ^b)		
9. HYPOCOTYL COLOR:		
1 = Green only ('Evans'; 'Davis') 2 = Green wit 3 = Light Purple below cotyledons ('Beeson'; 'Pickett 71') 4 = Dark Purple extending to unifoliate leaves ('Hodgson';	bronze band below cotyledons ('Woodwo	rth'; 'Tracy')
10. LEAFLET SHAPE:		
3 1 = Lanceolate 2 = Oval 3 = Ovate	4 = Other (Specify)	

FORM LMGS-470-57 (2-82)

11.	LEAFL	ET SIZE:		
	2	1 = Small ('Amsoy 71'; 'A5312') 2 = Medium ('Corsoy 79'; 'Gasoy 17') 3 = Large ('Crawford'; 'Tracy')		
	نظيا		graderen	W Z
12.	LEAF C	COLOR:	8	
	2	1 = Light Green ('Weber'; 'York') 2 = Medium Green ('Corsoy 79'; 'Bearto') 3 = Dark Green ('Gnome'; 'Tracy')	on')	
13.	FLOWE		1 1 1 1 1 1 1 1 1 1	
	2	ER COLOR: 1 ★ White 2 = Purple 3 = White with purple throat	7	
14.	POD CO	OLOR:		i e
	2	1 = Tan 2 = Brown 3 = Black		
15.	PLANT	PUBESCENCE COLOR:		
	2	1 = Gray 2 = Brown (Tawny)		
16.	PLANT	TTYPES:		
	2	1 = Slender ('Essex'; 'Amsoy 71') 2 = Intermediate ('Amcor'; 'Braxton') 3 = Bushy ('Gnome'; 'Govan')		
17.	PLANT	HABIT:		
	3	1 = Determinate ('Gnome'; 'Braxton') 2 = Semi-Determinate ('Will') 3 = Indeterminate ('Nebsoy'; 'Improved Pelican')		
			•	¥.
18.	MATUR	RITY GROUP:		*
18.	MATUF	RITY GROUP: 1 = 000	7 = IV 8 = V	¥*
	4	1 = 000 2 = 00 3 = 0 4 = 1 5 = 11 6 = 111		
	4 DISEAS	1 = 000 2 = 00 3 = 0 4 = 1 5 = 11 6 = 111 9 = V1 10 = VII 11 = VIII 12 = 1X 13 = X		
	4 DISEAS	1 = 000		
	4 DISEAS	1 = 000		
	DISEAS BACT	1 = 000 2 = 00 3 = 0 4 = I 5 = II 6 = III 9 = VI 10 = VII 11 = VIII 12 = IX 13 = X SE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) TERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli var. sojensis)		
	DISEAS BACT	1 = 000 2 = 00 3 = 0 4 = I 5 = II 6 = III 9 = VI 10 = VII 11 = VIII 12 = IX 13 = X SE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) TERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli var. sojensis) Bacterial Blight (Pseudomonas glycinea)		
	DISEAS BACT	1 = 000 2 = 00 3 = 0 4 = I 5 = II 6 = III 9 = VI 10 = VII 11 = VIII 12 = IX 13 = X SE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) TERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli var. sojensis) Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci)		
	DISEAS BACT 1 FUNGA	1 = 000 2 = 00 3 = 0 4 = I 5 = II 6 = III 9 = VI 10 = VII 11 = VIII 12 = IX 13 = X SE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) TERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli var. sojensis) Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) AL DISEASES:		
	DISEAS BACT 1 FUNGA	1 = 000 2 = 00 3 = 0 4 = I 5 = II 6 = III 9 = VI 10 = VII 11 = VIII 12 = IX 13 = X SE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) TERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli var. sojensis) Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) AL DISEASES: Brown Spot (Septoria glycines)		
	DISEAS BACT 1 FUNGA	1 = 000 2 = 00 3 = 0 4 = 1 5 = 11 6 = 111 9 = V1 10 = VII 11 = VIII 12 = 1X 13 = X SE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) TERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli var. sojensis) Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) AL DISEASES: Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina)	7 = IV 8 = V	
	DISEAS BACT 1 FUNGA	1 = 000 2 = 00 3 = 0 4 = 1 5 = 11 6 = 111 9 = VI 10 = VII 11 = VIII 12 = IX 13 = X SE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) TERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli var. sojensis) Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) AL DISEASES: Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina) Race 1 Race 2 Race 3 Race 4	7 = IV 8 = V	
	DISEAS BACT 1 FUNGA	1 = 000 2 = 00 3 = 0 4 = 1 5 = 11 6 = 111 9 = VI 10 = VII 11 = VIII 12 = IX 13 = X SE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) TERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli var. sojensis) Bacterial Blight (Pseudomonas glycinea) Widdire (Pseudomonas tabaci) AL DISEASES: Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina) Race 1 Race 2 Race 3 Race 4 Race 5 Target Spot (Corynespora cassiicola)	7 = IV 8 = V	
	DISEAS BACT 1 FUNGA	1 = 000 2 = 00 3 = 0 4 = 1 5 = 11 6 = 111 9 = V1 10 = VII 11 = VIII 12 = IX 13 = X SE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) TERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli var. sojensis) Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) AL DISEASES: Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina) Race 1 Race 2 Race 3 Race 4 Race 5 Target Spot (Corynespora cassiicola) Downy Mildew (Peronospora trifoliorum var. manshurica)	7 = IV 8 = V	

19. DISE	ASE REACTION:	(Enter 0 = Not Te	sted; 1 = Susceptible; 2 = F	Resistant) (Continued)		·
FU	INGAL DISEASES	3: (Continued)				
-	Pod and Stem	Blight (Diaporthe p	haseolorum var; sojae)			
	Purple Seed St	tain <i>(Cercospora kik</i>	uchii)			
	Rhizoctonia R	loot Rot (Rhizoctor	nia solani)			
	- Phytophthora	Rot (Phytophthora	megasperma var. sojae)	•		
2	Race 1	0 Race 2	2 Race 3 2	Race 4 0 Race 5	0 Race 6 2	Race 7
0	Race 8	O Race 9	Other (Specify)	, the state of the		
VIF	RAL DISEASES:	!			•	
	Bud Blight (To	obacco Ringspot Vir	us)			
	ī	: (Bean Yellow Mosa				
F	า์	c (Cowpea Chlorotic				
<u> </u>	า์	ean Pod Mottle Viru				,
<u> </u>	-					
L	J	Soybean Mosaic Viru	is)			
NE	MATODE DISEA					
	1	Nematode (Heterod	1 Race 3	Race 4 Other (S	200:54	
	Race 1	Race 2		Nace 4 Other 134	Decny)	
<u> </u>	J	de (Hoptolaimus Co				
	J T		Meloidogyne incognita)		·	
<u></u>	1	t Knot Nematode (A				
	Peanut Root K	(not Nematode <i>(Mei</i>	oidogyne arenaria)			
	Reniform Nem	atode (Rotylenchui	us reniformis)			
	OTHER DISE	ASE NOT ON FOR	M (Specify):			
20. PHYS	IOLOGICAL RES	PONSES: (Enter 0	= Not Tested; 1 = Suscept	ible: 2 = Resistant)		
2	1	on Calcareous Soil				
[-	7	/	1100010010			
O4 /NOT/	₽ .	•	1.1.0			
21. INSEC	1			sistant)		
	7			Table 1 The British of Asia Carlos (1997)		
	Ī		bae)			
	Other (Specify	/				
22. INDIC	CATE WHICH VA	RIETY MOST CLO	SELY RESEMBLES THA	SUBMITTED.		
CHA	RACTER		OF VARIETY	CHARACTER	NAME OF VAR	RIETY
Plant S	Shape	A19		Seed Coat Luster	\$12-22	·
Leaf S	<u> </u>	S12		Seed Size	\$09-95	
Leaf C		S12-		Seed Shape	\$12-22	
Leaf S	rze	911:	<u>i</u>	Seedling Pigmentation	\$24-92	x00500

FORM LMGS-470-57 (2-82)

VARIETY	NO. OF DAYS	PLANT LODGING	CM PLANT HEIGHT	LEAFLET SIZE		SEED CONTENT		SEED SIZE	00265 NO.
	MATURITY	SCORE		CM Width	CM Length	% Protein	% Oil	G/100 SEEDS	SEEDS/ POD
Submitted	122	2.6	76	6.7	9.8	43,9	<u>ස</u> 0.5	14.5	
S12-22 Name of Similar Variety	121	4.7	78	6.3	10.5	41=2	22.1	17.4	

PUBLICATIONS USEFUL AS REFERENCE AIDS FOR COMPLETING THIS FORM:

- 1. Caldwell, B.E., ed. 1973. Soybeans: Improvement, Production, and Uses. Amer, Soc. Agron. Monograph No. 16.
- 2. Buttery, B.R. and R.I. Buzzell. 1968. Peroxidase activity in seeds of soybean varieties. Crop Sci_8: 722-725.
- 3. Hymowitz, T. 1973. Electrophoretic analysis of SBTI-A₂ in the USDA soybean germplasm collection. Crop Sci., 13: 420-421.
- 4. Payne, R.C. and L.F. Morris. 1976. Differentiation of soybean cultivars by seedling pigmentation patterns. J. Seed Technol. 1: 1-19.

REPRODUCE LOCALLY. Include form number and date on all reproductions.	FORM APPROVED - OME	3 NO. 0581-0055 EXPIRES: 12-31-
AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY DIVISION - PLANT VARIETY PROTECTION OFFICE EXHIBIT E STATEMENT OF THE BASIS OF OWNERSHIP	The following statements are n 1974 (5 U.S.C. 552a) and the f	made in accordance with the Privacy Act Paperwork Reduction Act (PRA) of 1995. to determine if a plant variety protection S.C. 2421). Information is held confiden-
1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION	
Novartis Seeds, Inc.		ER
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		S13-J6
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)	5. TELEPHONE (include area code	J 6. FAX (include area code)
P.O. Box 959	612-593-7333	612-593-7801
Minneapolis, MN 55440	7. PVPO NUMBER	612-593-7801
		0265
8. Does the applicant own all rights to the variety? Mark an "X" in appropriate is	block. If no, please explain.	X YES NO
9. Is the applicant (individual or company) a U.S. national or U.S. based company If no, give name of country	7	X YES NO
10. Is the applicant the original breeder? If no, please answer the following:		X YES NO
 a. If original rights to variety were owned by individual(s): Is (are) the original breeder(s) a U.S. national(s)? If no, give name of c 	country	
 b. If original rights to variety were owned by a company: is the original breeder(s) U.S. based company? If no, give name of course 	untry	YES NO
11. Additional explantion on ownership (If needed, use reverse for extra space):		
DY TO A COS NIGHTED.		
PLEASE NOTE:		
Plant variety protection can be afforded only to owners (not licensees) who meet o . If the rights to the variety are owned by the original breeder, that person must of a country which affords similar protection to nationals of the U.S. for the san	be a U.S. national, national of a	uPOV member country, or national
. If the rights to the variety are owned by the company which employed the origin	nal breeder(s), the company mu	ist be U.S. based, owned by tionals of the U.S. for the same
nationals of a UPOV member country, or owned by nationals of a country which genus and species.	anorus siamai protection to na	
		eet one of the above criteria.

The U.S. Department of Agriculture (USDA) prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, and marital or familial status. (Not all prohibited bases apply to all programs). Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact the USDA Office of Communications at (202) 720-2791.

Under the PRA of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

suggestions for reducing this burden, to Department of Agriculture, Clearance Officer, OIRM, AG Box 7630, Jamie L. Whitten Building, Washington, D.C. 20250. When replying, refer to OMB No.

To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call (202) 720-7327 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.

0581-0055 and form number in your letter,